

424 Rec'd PCT/PTO 18 AUG 2000

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. § 371

4239-55593

U.S. APPLICATION NO. (if known, see 37 C.F.R. § 1.5)

09/622686

INTERNATIONAL APPLICATION NO.  
PCT/US99/04001

INTERNATIONAL FILING DATE  
24 February 1999

PRIORITY DATE CLAIMED  
25 February 1998

TITLE OF INVENTION

TUMOR TISSUE MICROARRAYS FOR RAPID MOLECULAR PROFILING

APPLICANT(S) FOR DO/EO/US: Juha Kononen, Stephen B. Leighton, and Olli Kallioniemi

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. § 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. § 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))
  - a. ☒ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)). (UNSIGNED)
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment, making the changes of the Article 34 amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:  
☐ Written Opinion.  
☐ Preliminary Examination Report.  
☒ International Search Report.



24197

Copies of References Cited to be submitted with forthcoming Information Disclosure Statement.

U.S. APPLICATION NO. (PCT Art. 17 C.F.R. § 1.53)	INTERNATIONAL APPLICATION NO. PCT/US99/04001	ATTORNEY'S DOCKET NUMBER 4239-55593
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**09/622686**

17. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 C.F.R. §§ 1.492(a)(1)-(5)):**

Neither International Preliminary Examination fee (37 C.F.R. § 1.482) nor International Search fee (37 C.F.R. § 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$970.00

International Preliminary Examination fee (37 C.F.R. § 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$840.00

International Preliminary Examination fee (37 C.F.R. § 1.482) not paid to USPTO but International Search fee (37 C.F.R. § 1.445(a)(2)) paid to USPTO.....\$690.00

International Preliminary Examination fee paid to USPTO (37 C.F.R. § 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$670.00

International Preliminary Examination fee paid to USPTO (37 C.F.R. § 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$96.00

<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>			
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 C.F.R. § 1.492(e)). <input checked="" type="checkbox"/> 20 <input type="checkbox"/> 30		\$	840.00
		\$	130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	50 - 20 =	30	x \$18.00	\$	540.00
Independent Claims	5 - 3 =	2	x \$78.00	\$	156.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$	0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1,666.00
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed. (Note 37 C.F.R. § 1.9, 1.27, 1.28)				\$	
<b>SUBTOTAL =</b>				\$	1,666.00
Processing fee of \$130.00 for furnishing the English translation later than Months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30				\$	0.00
<b>TOTAL NATIONAL FEE =</b>				\$	1,666.00
Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be Accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.				\$	40.00
<b>TOTAL FEES ENCLOSED =</b>				\$	1,706.00

	REFUND →	\$
	CHARGE →	\$

a. ☒ A check in the amount of \$ \$1,706.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4550. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE

William D. Noonan, M.D.  
 NAME

30,878  
 REGISTRATION NUMBER